**ABSTRACT**

An advanced IPMI system with multi-message processing and configurable performance and method for the same, optimally used among message sources, i.e. a host system and/or an operating terminal, to process IPMI messages from said message source is disclosed. The IPMI system includes an IPMI message subsystem, an IPMI core subsystem, and a central message buffer unit. The central message buffer unit provides a pointer to a corresponding address for temporary storage of each IPMI message. Each said subsystem each time just transmits the pointer, without a copy of the IPMI message, when transmittal of IPMI message is needed, for reducing times of reading IPMI message. The IPMI message subsystem utilizes multiple programmable-configured message processing units to concurrently multi-process lots of IPMI messages, in compliance with modular design of most units of said subsystems, for raising the implementing performance of the IPMI system.